In	dex	of C	laims	

Application No.	Applicant(s)	
09/461,580	GUARENTE ET AL.	
Examiner	Art Unit	
Robert A. Zeman	1645	

/	Rejected	-	(Through numeral) Cancelled
=	Allowed	÷	Restricted

N	Non-Elected	A
_	Interference	С

A	Appeal
o	Objected

Cla	aim				]	Date	е —			7::	ШГ	Cla	im				E	Date					C	aim				Date	•			
	_		-			Ī. <u>.</u>					ШĪ				1																	
Final	Original	3/8/01	10/31/01	9/3/03	3/22/04	11/9/05						Final	Original	3/8/01	10/31/01	9/3/03							Final	Original	9/3/03							
🛅	ğ	3/8	8	9/3	32	😤			ŀ			亡	Ę	3/8	0/3	9/3							ίĒ	Ĕ	9/3							
			٢			ľ					۱L		0		_									1	_						$\perp$	
		+	4	4							ii L		5	+	N	N	Ш							101	N						$\perp$	
		+	1	1							::L		52	+	N	N	Ш							102	N			$\Box$			$\perp$	
	3	+	4	√							L		58	+	N	N	Ш		$\perp$		$oldsymbol{\perp}$			103	N							
	4	+	√	√			Ш	$\Box$		_	‼L		5	+	N	N	Ш		$\perp$		$oldsymbol{ol}}}}}}}}}}}}}}}}}$			104	N		_	$\sqcup$				_
	4	+	4	4			Ш			_ ::	L		55	÷	N	N			$\perp$	$\perp$				105	N		ļ	Ш	$\dashv$		$\perp$	4
	4	+	√	1		L	Ш			_	iiL		56	÷	N	N	Ш		_	$\bot$				166	N	$\perp$		Ш	4	_	4	4
<u></u>		+	√	1			Ш	$\Box$	_	_	L		<b>5</b> 7	+	N	N	Ш		_	_ _				107	N		-	1	_		-	4
	8	+	1	1			Ш		_	_ ::	ii _		58	+	N	Z		$\dashv$	_	_				108	N				_	+	$\dashv$	_
	4	+	1	1		_	Ш			_	::L		59	÷	N	2			$\perp$					109	N	Щ.		Ш	_		4	-
	10	+	1	1		١.,	Ш	$\square$		_	L		60	÷	N	N	Щ		$\dashv$	$\bot$	$\perp$			110	N	$\vdash \downarrow$		$\vdash$	$\dashv$	$\dashv$	$\perp$	4
	11	+	1	4	1	1	Ш	$\sqcup$	$\bot$	_ ::	L		61	÷	N	Z	Щ		_	$\perp$	$\perp$			111	N	$\vdash \vdash$		$\vdash$		$\dashv$	4	4
<u> </u>	12	÷	1	Щ	_	<b> </b>	Ш	$\sqcup$	$\perp$	_	L		62	_		<u> </u>	Ш		_	+	$\bot$			112	N	$\vdash \vdash$	- -	$\vdash$	_	$\dashv$	$\dashv$	$\dashv$
<u> </u>	13	+	1	Щ		<u> </u>	Щ	Ш	$\dashv$	4	L		<u>6β</u>	<u> </u>	├	ļ	Ш		$\dashv$	-	-			113	N	$\vdash \vdash$	+-	$\vdash$		$\dashv$	$\dashv$	$\dashv$
L	14	+	1	<u> </u>	_	<u> </u>	Ш	Ш	-	-4::	Ļ	<b></b> ∤	64	<u> </u>	<u> </u>	<u> </u>	Н		$\dashv$		+			1114/	N	$\vdash$	+	$\vdash$		-+	+	$\dashv$
<u> </u>	15	+	1	<u> </u>	_	_	Ш	Ш	-	4	L		<del>2008</del>		<u> </u>	<u> </u>	Н	$\sqcup$	$\dashv$	- -	+			115	N	$\vdash$	+	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	16	+	1	<u> </u>	L.	_	Ш	Щ	_	:	-		66	<u> </u>	<u> </u>	$\vdash$	Ш	$\sqcup$	$\dashv$	- -	-			116	N	$\vdash$	+	-		+	+	$\dashv$
<u></u>	17	+	1	_		<u> </u>			-		-		67	L	<u> </u>	Ļ.	_	$\dashv$	4		-		_	107	N		4	$\vdash$	-		-+	긕
	1 <b>B</b>	+	1	$\vdash$	_	<u> </u>	-	$\sqcup$	-	4	-		68	<u> </u>	N	N	_		+	_	-			118	N	<del></del>		$\vdash$	$\dashv$	-	$\dashv$	$\dashv$
	19	+	1	L		<u> </u>			-	4	-		69	<u> </u>	N	N	<u> </u>	$\dashv$	+	_				119	N			┢	$\dashv$		-	
	20	+	1	ļ.,		<u> </u>	_	$\sqcup$		4	L		70	<u> </u>	N	N	Ш		-	+	+-			120	N	$\vdash$	-				_+	_
	21	+	۷.	1	_	╙	Ш	$\sqcup$		4	L		7	_	N	N	$\vdash$	$\Box$	-		-			127	N.	$\vdash$	—	┼	-		_	_
	22	+	√,	_	L.	<u> </u>	Ш		_	4::	ii L		7/2	_	N	N	_	$\dashv$	-+	$\perp$				122	N	-	-+-	╆		-+	$\dashv$	_
	23	+	1	<u> </u>		├	Ш	Ш		4	-		73	_	N	N	$\vdash$		-	-	1			123	N	┝	-	₩	-		-+	
	24	+	1	ļ_,	_	⊢	Н			-	-		4		N	N		$\vdash$	-	-	+			124	N N	$\vdash$	$+\!-$	+		$\dashv$	<del>-</del>	_
	25	+	1	1	_	⊢	Н	$\vdash$	-+	-	-		75	<del> </del>	N	N	$\vdash$	$\vdash$			+			125 125	N		+	+		$\dashv$	-+	_
	<b>1</b> 6	+	1	1	_	-		$\vdash$		-	ŀ	$\rightarrow$	76		N	N	$\vdash$	$\vdash$	-	+				127	N	$\vdash$	+	-	$\dashv$	$\dashv$	-	$\dashv$
	27	+	1	1	_	<del> </del>		$\vdash \vdash$		-	ŀ	$\rightarrow$	77	├	N	N	H	Н		-				128	N	$\vdash$	$\dashv$	+	-	$\dashv$	$\dashv$	-
	28	+	N	N		⊢	Н	Н		$\dashv$	ŀ		78 79	<del> </del>	N	N		$\vdash$	-+	+	+			129	N	$\vdash$		+-		$\dashv$	$\dashv$	$\dashv$
	29	+	N	N	-	<del> </del>	H	Н		$\dashv$	-	-	8Q	$\vdash$	N	N	$\vdash$	$\vdash$	-+	+	-			130	N	$\vdash$	+-	$\vdash$	$\dashv$	$\dashv$	$\dashv$	ㅓ
-	80 81	+	N	N	⊢	$\vdash$	Н	Н		$\dashv$	-	$\rightarrow$	81	├	N	N		$\vdash$			+			13(1	N	$\vdash$	-	+		+	$\dashv$	$\dashv$
<u> </u>		+	-		-	<del> </del>	Н	Н	+		-		82	⊢	N	N			$\dashv$				-	132	N	$\vdash$		$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	32 33	+	N	N	$\vdash$	-	$\vdash$	$\vdash \vdash$	+		ŀ		83	$\vdash$	N	N	$\vdash$	$\vdash$	$\dashv$	$\dashv$	+-			133	N	$\vdash$	+-	$\vdash$	$\vdash$	$\dashv$	$\dashv$	ᅱ
<u> </u>	34	+	N	N		$\vdash$	$\vdash$	$\vdash$	+		H		84	$\vdash$	N	N	┢	$\vdash$	$\dashv$	-+-	+			134	N	$\vdash$	+	+	$\vdash$	$\dashv$	$\dashv$	ᅱ
<u> </u>	35	+	N	N	$\vdash$	$\vdash$	$\vdash$	┝═┤	$\dashv$	$\dashv$	ŀ		85	┢╌	N	N	$\vdash$	$\vdash$	$\dashv$	+	+	<b> </b>	<b>—</b> —	135	N	$\vdash$	+	T	$\vdash$	$\dashv$	$\dashv$	$\dashv$
$\vdash$	36	+	N	N	-	$\vdash$	$\vdash$	$\vdash \vdash$	$\dashv$	$\dashv$	ŀ		86	$\vdash$	N	N	$\vdash$	$\vdash \vdash$	$\dashv$	+	+			136	N	<del>                                     </del>	+	$\top$	$\vdash$	$\dashv$	_	$\dashv$
<del></del>	37	+	N	N	$\vdash$	-	$\vdash$	$\vdash \vdash$	$\dashv$	-	ŀ		87	$\vdash$	N	N	t	H	$\dashv$	+	+			137	N	$\vdash$	$\top$	$t^{-}$	H	$\dashv$	+	ㅓ
<u> </u>	38	+	N	N	-	$\vdash$	$\vdash$	$\vdash$	$\dashv$	$\dashv$	ŀ		88		N	N		$\vdash$	$\dashv$	+	+	1	$\vdash$	138	N	+	+-	$\top$		$\dashv$	+	ㅓ
_	19	+	N	N	-	╁	$\vdash$	$\vdash \vdash$	$\dashv$	$\dashv$	ŀ		89		N	N	$\vdash$	H	-+	+	$\top$	1	$\vdash$	139	N		+	$t^-$	$\vdash$	$\dashv$	$\dashv$	ㅓ
$\vdash$	40	+	N	N		$\vdash$	$\vdash$	$\vdash$	+	$\dashv$	ŀ		90	$\vdash$	N	N	$\vdash$	$\vdash$	-+	$\dashv$	+	1	$\vdash$	140	N	$\vdash$	$\top$	†	$\vdash$	$\dashv$	$\dashv$	ᅱ
	41	+	N	N		$\vdash$	Н	$\vdash$	+	$\dashv$	ŀ		91	t	N	N	$\vdash$	H	-+	$\dashv$	+			141	N	- -	+	$\vdash$	$\Box$	$\dashv$	$\dashv$	ᅥ
$\vdash$	1/2	+	N	N	$\vdash$	$\vdash$	H	$\vdash$	$\dashv$		ŀ		92	t	N	N	$\vdash$	$\vdash$	$\dashv$	+	+	1	<u> </u>	142	N	$\vdash$	$\top$	1	$\vdash$	$\neg$	$\dashv$	ヿ
<b></b>	43	+	N	N	一	<del>                                     </del>	П	$\vdash$	十	-			93	t	N	N	T	$\Box$	十	+	$\top$	1		143	N		1-	T		1	T	┨
<u> </u>	4	+	N	N	$\vdash$	<del>                                     </del>	Н	┤┤	$\dashv$	-			94	t	N	N	T	H	$\dashv$	$\dashv$	$\top$	1	<u> </u>	144	N		1	Τ	П	$\neg \uparrow$	寸	٦
<u> </u>	46	+	N	N	Н	t	H	H	十	-	ŀ		95	t	N	N		Н	$\dashv$	$\dashv$	$\top$	1		145	N	$\vdash$	1	T	$\Box$	$\exists$	寸	ヿ
<del>                                     </del>	46	+	N	N	H	<u> </u>	$\vdash$	$\vdash$	十	-	ŀ		96	t	N	N	Т	$\vdash$	$\dashv$		$\top$	1		146	N		1	T		$\neg$	7	٦
<u> </u>	47	+	N	N	┢	T	П	$\vdash \vdash$	$\top$	$\dashv$	:::  <b>-</b>	$\neg \neg$	97	t	N	N	Т	П	$\dashv$	十	$\top$			147	N		1	1		寸	寸	$\neg$
	48	+	N	N	$\vdash$	t	$\vdash$	$\vdash$	$\dashv$	-(:	ŀ		98	t —	N	N	1	H	_	_	$\top$			48	N			1			1	┨
	49	+	N	N	T	T		$\vdash$	十	7			99	$\vdash$	N	N			$\neg$		1	1		49	N		T			$\dashv$	1	٦
	50	+	N	N	Г	T	П	$\vdash$	$\neg$	7			99 100		N	N		П	$\neg$		$\top$	1		150	N	$\sqcap$		T	$\Box$	$\neg$	$\Box$	$\neg$
	, ,,,	<u>.                                    </u>		<u>ٺ</u>		_				—∷	⋯∟										<del></del>	• · · · · ·							_	_		_

Indox	ω£	Claima	(contin	المميد
maex	OI -	Ciairris	(COMUN	ueai



Application No. Applicant(s)

09/461,580 GUARENTE ET AL.

Examiner Art Unit

Robert A. Zeman

√ Rejected —

= Allowed +

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

1645

Cla	aim				[	Date	<del>-</del>					CI	aim		_		C	ate					С	aim					ate	,		_	
	<u></u>	_	4	S									<u>     </u>	4	S								_	<u> </u>					ľ				
Final	Original	9/3/03	3/22/04	11/9/05								Final	Original	3/22/04	11/9/05								Final	Original				- 1					- 1
证	8	6	3/2	7								证	ō	3/2	11/					-			证	Ö				- 1	Ì			İ	
					_			Ш		<u> </u>					_	_	_	4	-	-	+								-		$\dashv$	$\dashv$	$\dashv$
	151	N					_	Н		<b></b>			201	1	1			$\dashv$	+	+	-			251 252		$\dashv$	$\dashv$	$\dashv$	-	$\dashv$	+	$\dashv$	
	152	N								├-			202	7	7	$\dashv$	-	-	+	+	-			252	•	$\vdash$	-	-	$\dashv$			ᅱ	$\dashv$
	153 154	N	-					$\vdash$					203 204	<b>√</b>	7	$\dashv$	-	-	+	+	╁			254		$\dashv$	$\dashv$	$\dashv$	$\dashv$		-+	-	
	155	N	$\vdash$	_	_	-		H	_	$\vdash$		<del></del>	205	1	7	-		$\dashv$	-+	+	+			255	-	$\forall$	$\dashv$	$\dashv$	$\dashv$	$\neg$	-+	┪	
	156	N	$\vdash$		-	-	_	Н		$\vdash$		_	206	√	7	$\dashv$		$\dashv$	十	+	+-			256	_	$\dashv$	-		7	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	157	N	-		-			H		_		-	207	1	Ţ	$\dashv$	-	$\dashv$	$\dashv$	+	+			257		$\vdash$		$\dashv$	寸	_	寸	ヿ	$\dashv$
	158	N			$\vdash$			H					208	1	1		_	7	+	1		1		258		$\Box$	$\neg$	$\neg$	一		1	ヿ	T
	159	N			Г			П	_				209	<b>√</b>		П		T	寸	_	1			259		П			一			$\neg$	$\Box$
-	160	N						П	_				20	4				ヿ	す	$\top$	1			260				T				コ	$\neg$
	161	N						П					2 1	7		$\neg$		T	T	1	$\top$			261							$\neg$		
	162	N						П					212	7										262									
	163	N											213	7			$\Box$							263									
	164	z											214	1					$\Box$					264				]			_[	[	_]
	165	z											215											265		Ш					$\perp$		
	166	z											216											266	_				·				
	<b>1</b> 67	Z											217						$\perp$		1			267		Ш							
	168	N											218	<u> </u>				$\perp$	$\perp$		Ц			268	Ŀ	Ш			_	_	_	_	
	169	_	√	4	L			Ш					219						4		$\downarrow$			269		Ш					_	_	
<u> </u>	170	L	1	4			匚						220					$\dashv$	_					270		Ш	_			_	_	_	
<u> </u>	171	L	✓	√	<u> </u>		L		L	L.			221			_	_	$\dashv$			┷			271	_	Ш		_	_	_		$\dashv$	
	172		1	1		<u> </u>		Ш	L_				222		L	$\Box$		_	_	_	<b>-</b>			272	_				_		_	$\dashv$	
	173		1	√	ᆫ	<u> </u>		Ш					223					_	-	_				273		Ш				_	-	$\dashv$	
	174	_	1	√,	_	_	_	Ш		_	1	<u> </u>	224	_	<u> </u>		_		-	_				274		H				_		$\dashv$	
	175	ļ	1	1	<u> </u>	<u> </u>	_	Н	<u> </u>	<u> </u>	<b>.</b>	<u> </u>	225	_	_	$\square$		-	$\dashv$		+	ł		275		-				-		$\dashv$	$\dashv$
	176	_	1	1		<u> </u>	<u> </u>	-	<u> </u>	⊢	<b>.</b>		226		<u> </u>		$\dashv$	-	$\dashv$	-	+			276 277	_	-	_	-		-		$\dashv$	$\dashv$
	177	<u> </u>	1	<b>√</b>	├_	<u> </u>			_	├	ł		227	<u> </u>	<u> </u>	-	$\dashv$	$\dashv$	-	-	-			278	-	-	_	-		$\dashv$		$\dashv$	$\dashv$
	178	<del> </del>	1	1	-		-	-	┝	⊢			228 229	-	$\vdash$		$\dashv$		-+	-				279	$\vdash$	$\vdash$	_		_		$\dashv$	$\dashv$	$\dashv$
	179	<u> </u>	1	1		<u> </u>	_	$\vdash$	├—	⊢	ł		230	-	├—	$\dashv$	$\dashv$	-	$\dashv$	+	+	ł		280	-	$\vdash$		_	$\dashv$		$\dashv$	$\dashv$	$\dashv$
	180	┝╌	1	7	-		-	$\vdash$	⊢	╁			231	$\vdash$	┝	$\vdash$			$\dashv$	+	+			281	-	H	_	$\vdash$	$\dashv$	-		$\dashv$	-
	181 182	┝	1	1		-	⊢	-	┝	├	ł		232	$\vdash$	┝	$\vdash$	$\dashv$		╗		+	1		282			_	_	$\neg$		-1	$\dashv$	-
	183	$\vdash$	1	7	$\vdash$	-	$\vdash$	$\vdash$		$\vdash$	1		233		┢┈╴	$\vdash$	$\dashv$	-+	$\dashv$	+	+	t		283	<del>                                     </del>	-		-	$\dashv$	_	$\dashv$	$\dashv$	$\neg$
-	184	-	1	1	-	$\vdash$	一	╁╌┤	$\vdash$	┼	1		234	$\vdash$	$\vdash$	Н	$\dashv$		一	+	+	1		284	$\vdash$	$\vdash$		Н	$\dashv$		-	$\dashv$	$\dashv$
$\vdash$	185	-	1	1		$\vdash$	$\vdash$	$\vdash$		H	1	<u> </u>	235	$\vdash$	_	$\vdash$			$\dashv$	$\dashv$	+	1::::		285	T	$\Box$		М	$\dashv$	$\Box$	$\neg$		
$\vdash$	186		1	1		$\vdash$	<del>                                     </del>	$\vdash$	<del>                                     </del>	t	1		236	$\vdash$		$\vdash$	$\exists$	_	$\dashv$	$\dashv$	1	1	_	286		П						$\neg$	_
<u> </u>	187		V	i	$\vdash$	Н	<del>                                     </del>	$\vdash$	<b>-</b>	t	1	-	237	$\vdash$	_	$\Box$	$\Box$	$\dashv$	$\neg$		1	1		287		П							
	188	$\vdash$	V	V	T	T	<del>                                     </del>	П	T	t	1		238			П		$\dashv$	寸		1			288		П		П					
	189	Г	1	1		T	Г			1	1		239		Г	П						]		289									
	190	Г	1	1					Γ		1		240								T	]		290									
	191	Γ	V	1	l		Π			Г			241						$\Box$		I	]	Ŀ	291									
	192		1	1	Γ								242									]		292									
	193		√	1									243						J			]		293									$\Box$
	194		1	1	$\Box$						]		244						$\Box$			]		294		Ш					Ш		<u> </u>
	195		√	1							]		245									]		295	$\Box$	Ľ		لط			Ш		_
	196		1	V									246									]		296	Ŀ	Ш					Ш		$\vdash$
	197		√	1			匚				]		247						[			1	<u></u>	297	$oxed{oxed}$	Ш	_	$ldsymbol{le}}}}}}$	Ш		Щ		_
	198		1	1					$\Box$	$\Box$	1		248	_	_	Ш		$\Box$			↓_	4	<u> </u>	298	<u> </u>	Ш		<u> </u>			$\sqcup$		<u> </u>
	199	匚	1	1				$\Box$			1		249	<u> </u>	<u> </u>	Ш		$\sqcup$	_		1_	4	<u> </u>	299	<u> </u>	Ш		ldash			Щ		<u> </u>
	200		√	٧		L				1	]:::::	L_	250	L		Ш	L		1	_L		J:::::	L	300	L	Ш	<u> </u>						Щ